ÚNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit

: 1724

Examiner Serial No.

10/073,500

Filed

February 11, 2002

Inventors

Christopher S. Keever

Title

Stephen Tarallo METHOD AND

APPARATUS FOR

TREATING

WASTEWATER

22469

PATENT TRADEMARK OFFICE

Docket No.: 1370-CIP-00

Confirmation No.: 5994

Dated: April 25, 2002

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents Washington, DC 20231

Sir:

We submit herewith the usual Form PTO-1449 together with copies of publications listed therein. A copy of an International Search Report dated January 25, 2002 is also enclosed. They are submitted to comply with the Applicants' duty of disclosure under 37 C.F.R. §1.56 and are believed related to this application.

We are submitting this in the spirit of voluntary disclosure and look forward with interest to the Examiner's action at an early date on the merits of the case.

It is accordingly requested that the Information Disclosure Statement be officially entered in the file of this case and that appropriate notification be made that it was considered in the prosecution of the case. TO 1200 TO

Respectfully submitted,

T. Daniel Christenbury Reg. No. 31,750 Attorney for Applicants

TDC:lh (215) 563-1810

Sheet 1 of 3 U.S. DEPARTMENT OF COMMERCE Form PTO-1449 SERIAL NO. ATTY, DOCKET NO. PATENT AND TRADEMARK OFFICE 1370-CIP-00 10/073,500 APPLICANT Christopher S. Keever et al. **CITED BY APPLICANT GROUP** FILING DATE (Use several sheets if necessary) February 11, 2002 1724 U.S. PATENT DOCUMENTS FILING DATE **EXAMINER** INITIAL* DOCUMENT NUMBER DATE NAME **CLASS SUBCLASS** IF APPROPRIATE 10/31/67 Demeter et al. 4 5 AB 4 1 3 9 6 02/13/79 Yabuuchi et al. AC 2 8 2 0 9 08/04/81 Haga et al. 4 3 RECEIVED MAY 13 2002 1700 ΑD 4 2 9 0 9 8 09/22/81 von Hagel et al. 3 2 0 0 1 2 03/16/82 ΑE 4 Palm et al. 9 ΑF 4 3 8 8 1 5 06/14/83 von Hagel et al. AG 4 6 5 5 9 7 08/14/84 Herman et al. 4 7 5 ΑH 5 9 6 5 04/01/86 Louboutin et al. 7 2 0 8 5 02/09/88 ΑI 4 4 Pohoreski 0 4 04/04/89 McDowell ΑJ 8 8 4 ΑK 8 5 5 0 6 1 08/08/89 Martin FOREIGN PATENT DOCUMENTS TRANSLATION DOCUMENT NUMBER DATE COUNTRY **CLASS SUBCLASS** YES NO 08/16/65 AL FR 1,411,792 France AM DE 43 33 579 A1 04/06/95 Germany х JP 2001-79562 03/27/01 AN Japan x AO ΑP OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) Moffa et al., Retrofitting Control Facilities for Wet-Weather Flow Treatment, EPA #/600/R-00/020, January 2000 **ACTIFLO Flow Diagram** AR Biofor™ Biological Aerated Filtration - Wastewater Treatment Technology for the 21st Century, Infileo Degremont Inc., September 1997 DensaDeg® High Rate Clarifier and Thickener, Infilco Degremont Inc., August 1997 AS ΑT **EXAMINER** DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not

considered. Include copy of this form with next communication to Applicant.

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE APR 2 6 2002 TENT AND TRADEMARK OFFICE										ATTY, DOCKET NO. 1370-CIP-00		SERIAL NO. 10/073,500		
					5)			APPLICANT Christopher S. Keever et al.						
	ызт д	_		al sheets i			JICANT	:	FILING DATE	11, 2002	GROUP 1724			
U.S. PATENT DOCUMENTS														
EXAMINER											FILING D	ATE		
INITIAL*	ļ	DOCUMENT NUMBER DATE								NAME	CLASS	SUBCLASS	IF APPRO	j
	AA	4 9 2 7 5 4 3 05/22/5								Bablon et al.	ļ		<u> </u>	
	AB	5 1 1 2 4 9 9						9	05/12/92	Murray et al.				
	AC	5	3	0	6	4	2	2	04/26/94	Krofta	ļ		ļ	
	AD	5 3 4 8 6 5 3					5	3	09/20/94	Rovel	 		ļ	
	AE	5	4	4	1	6	3	4	08/15/95	Edwards	ļ	<u> </u>		
	AF	5 6 0 1 7 0 4						4	02/11/97	Salem et al.			<u> </u>	
	AG	5 7 3 0 8 6 4							03/24/98	Delsalle et al.		<u> </u>		
	AH	5 7 7 0 0 9 1						1	06/23/98	Binot et al.	<u> </u>	ļ	<u> </u>	
	AI	5	8	0	0	7	1	7	09/01/98	Ramsay et al.	<u> </u>			
	AJ	5	8	4	0	1	9	5	11/24/98	Delsalle et al.				
	AK	6	1	2	6	8	3	8	10/03/00	Huang et al.	<u></u>			
							FC	REIG	N PATENT	DOCUMENTS				
													TRA	NSLATION
		DOC	CUME	NT NU	MBER				DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
	AL		DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS YES NO											
	AM													
	AN													
	AO													
	AP		,											
					OTH!	ER PR	IOR AF	T (Inc	luding Author	r, Title, Date, Pertinent	t Pages, Etc.)			
														
	•	-										-13EC	'	
ļ 	AR	 										MAY	5/1/2	
												7	2000	U
	AS											10.7>	~~~	
		RECEIVED TO 1700												
	A.													
EXAMINER	AT	L								DATE CONSIDER	ED			
DATE CONSIDERED										!				
*EXAMINER: I	nitial if r	eferenc	e consi	dered,	whethe	r or no	t citation	is in c	onformance w	vith MPEP 609; Draw	line through	citation if not in co	onformance a	and not
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.														

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE										ATTY. DOCKET NO. 1370-CIP-00 SERIAL NO. 10/073,500 APPLICANT			Silect 3 of 2		
	LIST	F.PRI	OR AR	CIT al sheets	ED BY	(APP) ary)	LICAN	Christopher S. Keever et al. FILING DATE GROUP							
U.S. PATENT DO										February 11, 2002 1724					
		T					-	CUMENTS			1				
EXAMINER INITIAL*		DOCUMENT NUMBER DATE								NAME	CLASS	SUBCLASS	FILING DA		
·	AA	6 2 1 0 5 8 8					8	8	04/03/01	Vion	 		 		
	AB	6	2	7	7	2	8	5	08/21/01	Vion	 				
	AC					<u> </u>		_	 		 				
	AD	 	ļ					┼		· 		REC			
	AE					<u> </u>		┼	 			CE	11/50		
	AF			 				┼─	 		}	RECE MAY 1 3 20 C 170	VED		
	AG							 			1		02		
<u></u>	AH		 					┼	 	<u> </u>		U 170	0 —		
	AI	ļ						-	 	<u> </u>	 				
	AJ							-	 		 				
	AK	[l	<u> </u>			<u></u>	<u></u>	<u></u>	<u></u>		<u> </u>	 		
							F	OREIG	N PATENT	DOCUMENTS		 			
												TRANSL			
		DOC	UMEN	IT NU	MBER				DATE	COUNTRY	CLASS	SUBCLASS	YES	NO	
	AL											 			
	AM										ļ	 	 	-	
	AN	 									-				
	AO										 				
'	AP		==						<u></u>			<u></u>		<u> </u>	
	 				отні	R PR	IOR AI	RT (Inc	luding Author	, Title, Date, Pertinen	t Pages, Etc.)				
										· · · · · · · · · · · · · · · · · · ·					
	AR														
											-				
	AS														
	- 1.5														
	AT														
EXAMINER									DATE CONSIDERED						
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not															
considered. Include copy of this form with next communication to Applicant.															